

COMPOSITIONS AND METHODS FOR BIODEGRADABLE
POLYMER-PEPTIDE MEDIATED TRANSFECTION

Van, et al.

Appl. No.: Unknown Atty Docket: NDTCO.030A

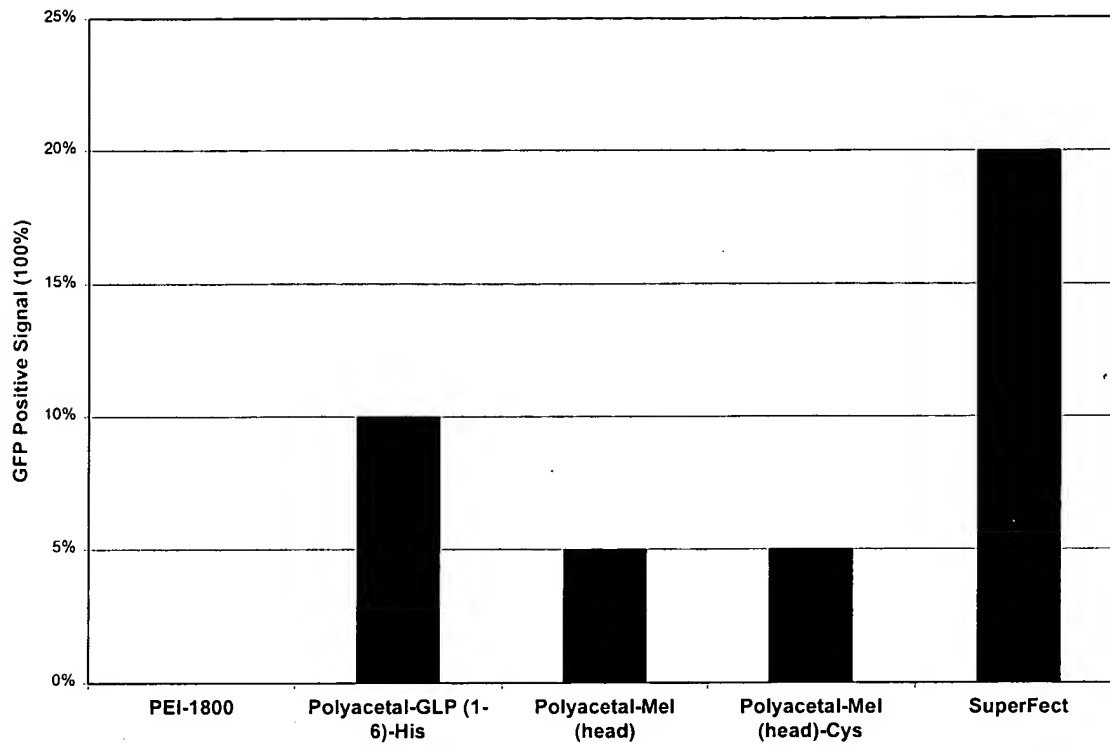


FIGURE 1

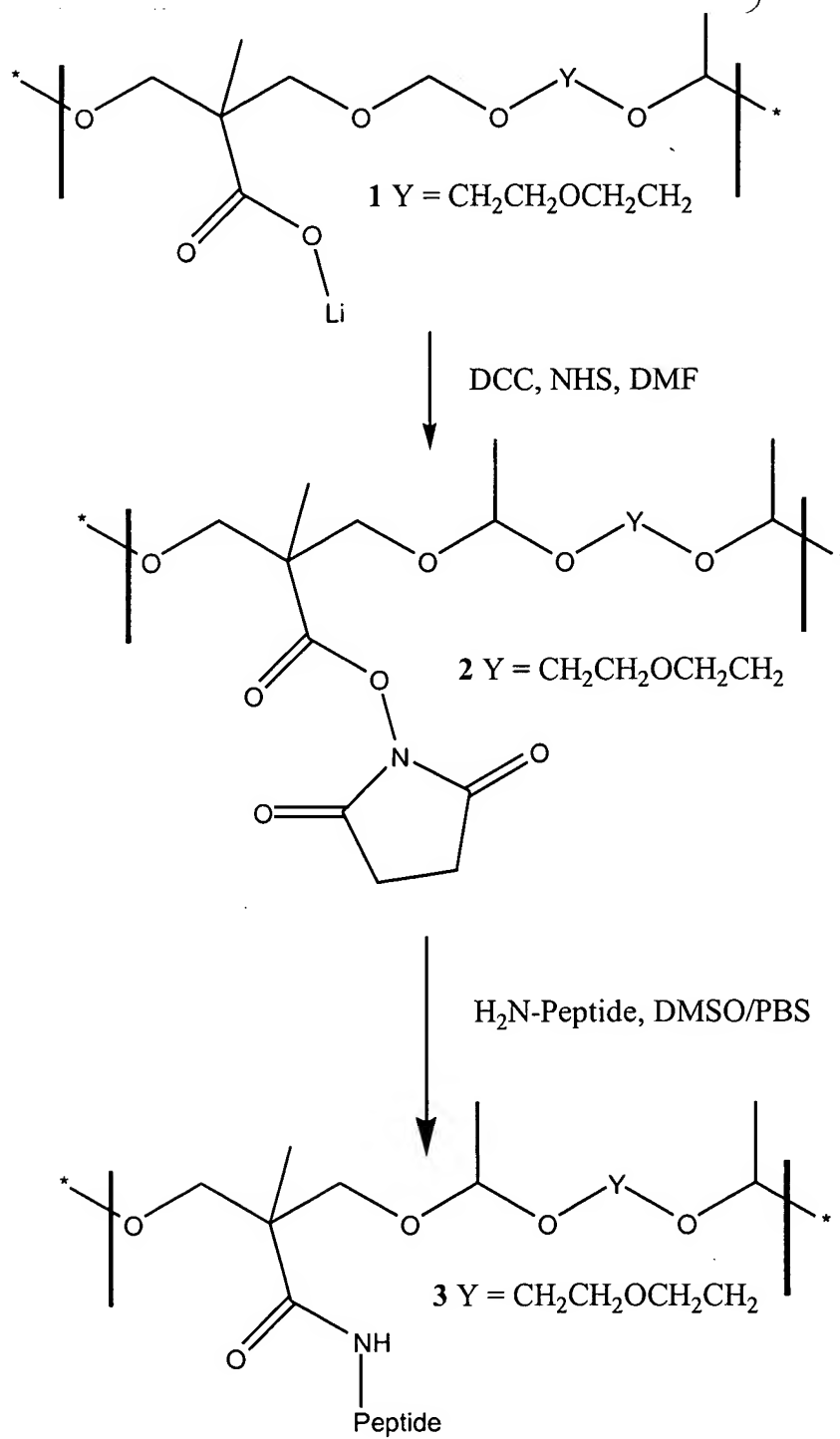


FIGURE 2

Amino Acid Sequence (Peptide)

NH₂-GIGAVLKVLTTGLPALISWIKRKRQQ-COOH (Melittin)

NH₂-CIGAVLKVLTTGLPALISWIKRKRQQ-COOH (Melittin-SH)

NH₂-GIGAVLKVLTTGLPALISWIRRRRRRRRQQ-COOH (NVG)

NH₂-CIGAVLKVLTTGLPALISWIRRRRRRRRQQ-COOH (NVC)

NH₂-KRKRQQ-COOH (Mel-head-QQ)

NH₂-CKRKRQQ-COOH (Mel-head-QQ-Cys)

NH₂-CKRKR-COOH (Mel-head)

NH₂-HLVKGRG-COOH (GLP-(1-6)-H)

NH₂-CDCRGDCFC- COOH (RGD)

NH₂-RRRRRRR-COOH (R7)

NH₂-RRRR-COOH (R4)

FIGURE 3

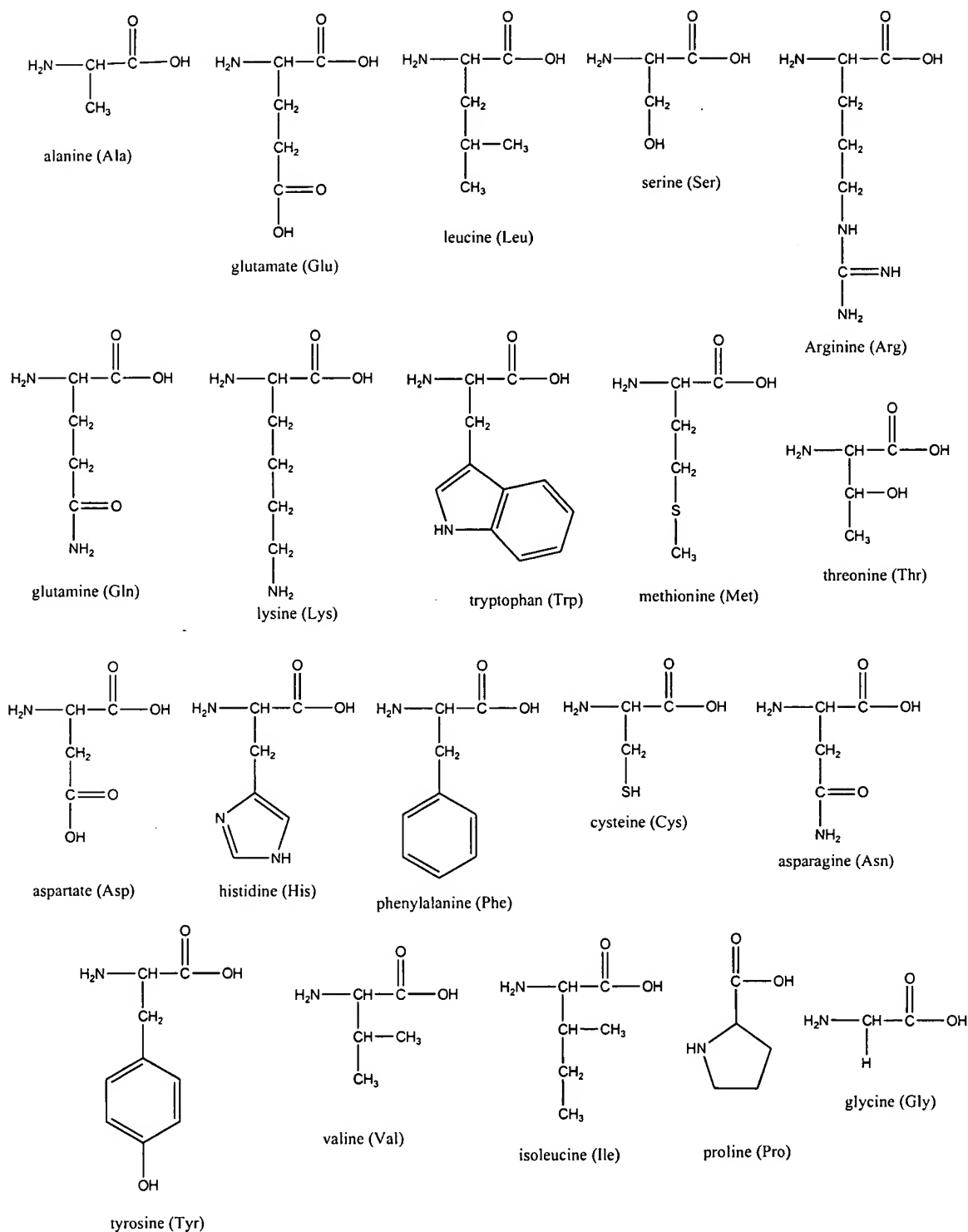
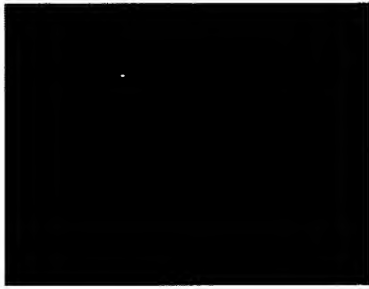


FIGURE 4

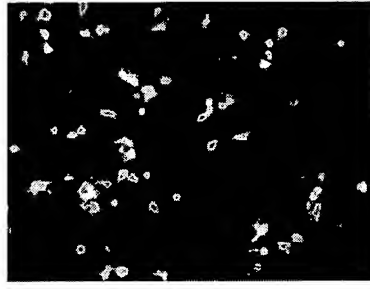
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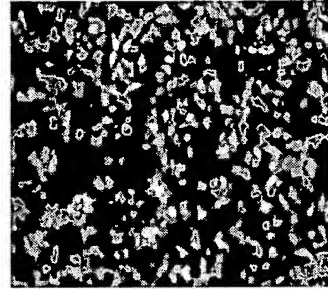
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Poly(ethylenimine)-600



Polyacetal-GLP-(1-6)-H



Lipofectamine 2000

Figure 5

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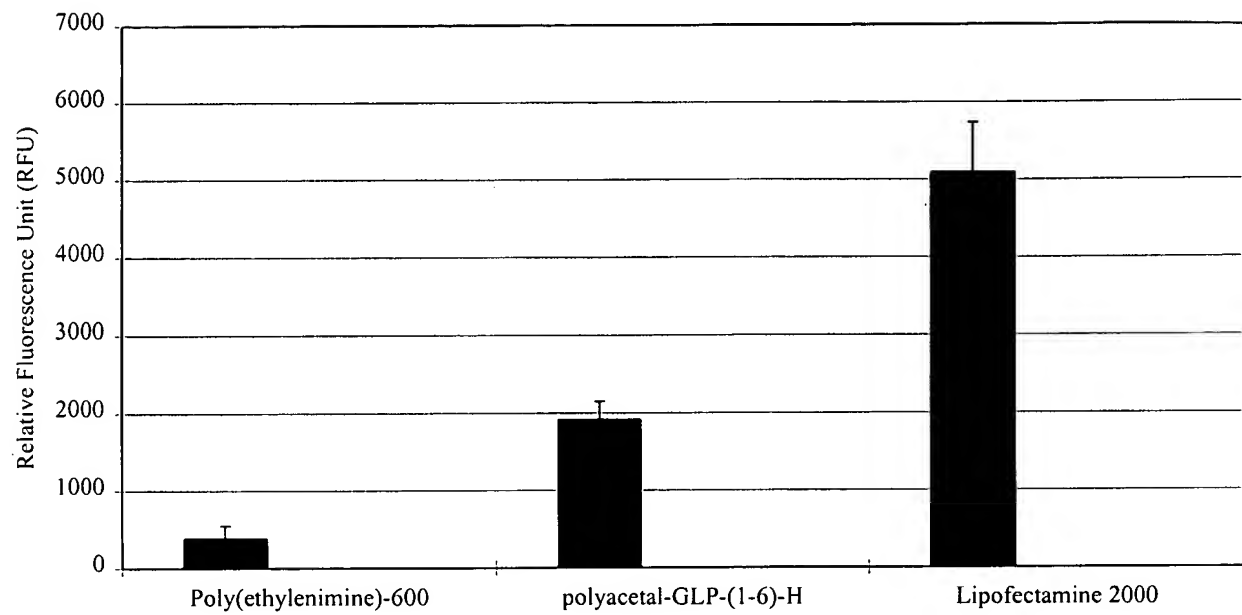


Figure 6